

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121420\
 Data File : VY003757.D
 Acq On : 14 Dec 2020 18:48
 Operator : SY/MD
 Sample : L5036-06RE
 Misc : 4.28G/10ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AD8RE

Quant Time: Dec 15 03:42:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 15 03:40:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	283070	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	216364	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	68077	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	106554	27.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.32%
7) Chloroethane-d5	2.77	69	80988	28.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.48%
10) 1,1-Dichloroethene-d2	3.86	63	154667	19.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.24%
20) 2-Butanone-d5	6.90	46	62395	37.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.12%
24) Chloroform-d	7.49	84	185128	25.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.72%
26) 1,2-Dichloroethane-d4	8.15	65	100189	24.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.40%
29) Benzene-d6	8.12	84	387039	30.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.64%
33) 1,2-Dichloropropane-d6	9.12	67	119539	30.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.64%#
37) Toluene-d8	10.18	98	321705	28.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.52%
38) trans-1,3-Dichloropropene-	10.44	79	45093	23.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.88%
39) 2-Hexanone-d5	10.79	63	45713	42.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.02%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	74810	21.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.76%
61) 1,2-Dichlorobenzene-d4	13.72	152	67484	27.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.40%

Target Compounds

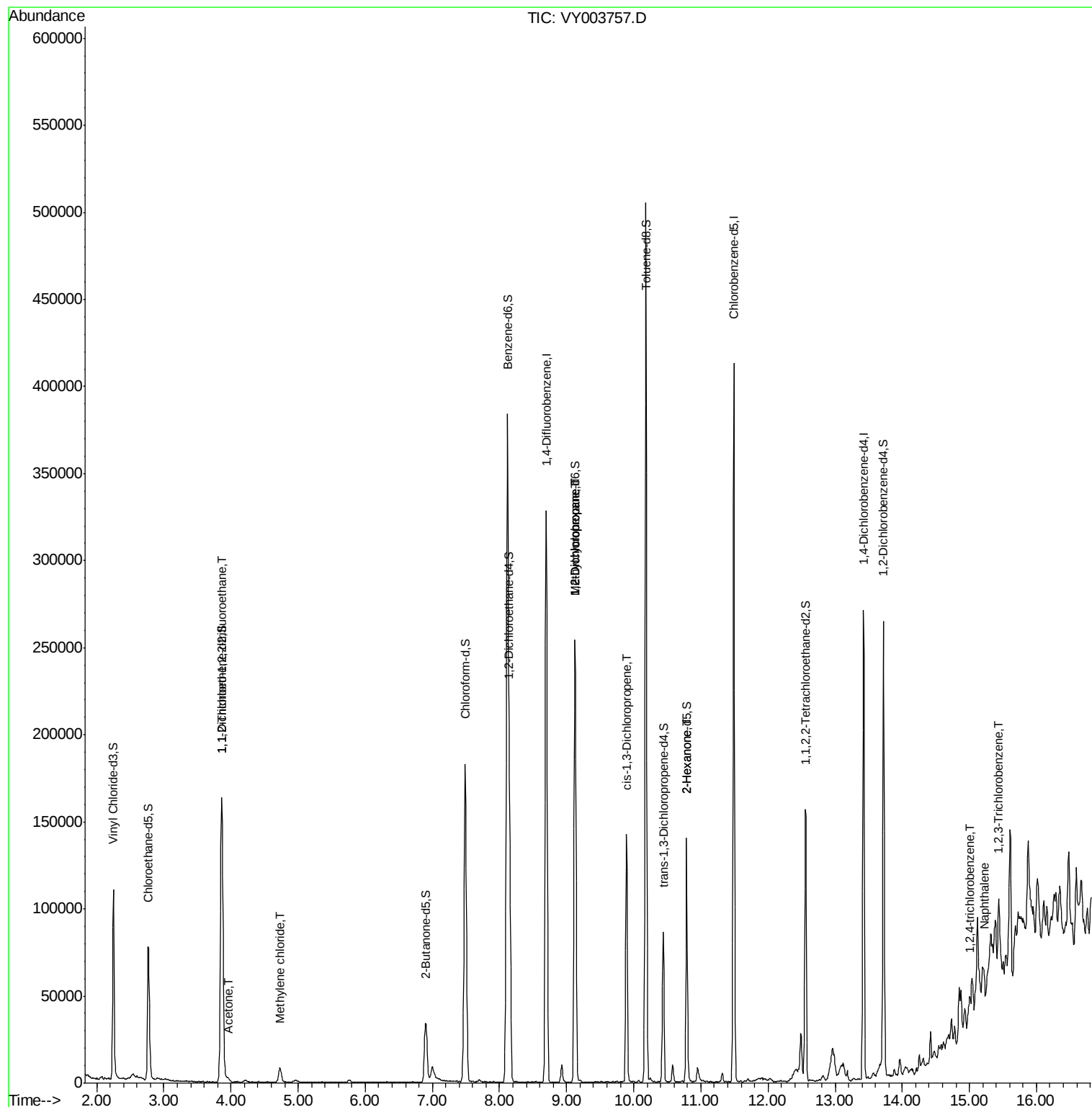
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	3.86	101	1485	0.361	ug/L #	19
13) Acetone	3.97	43	3258	2.807	ug/L	91
16) Methylene chloride	4.73	84	5175	1.018	ug/L	88
36) Methylcyclohexane	9.12	83	27860	4.451	ug/L #	19
40) 1,2-Dichloropropane	9.12	63	13018	3.648	ug/L #	87
42) cis-1,3-Dichloropropene	9.89	75	3488	0.615	ug/L #	60
49) 2-Hexanone	10.79	43	6276	2.643	ug/L #	69
68) 1,2,4-trichlorobenzene	15.01	180	447	0.171	ug/L #	1
69) Naphthalene	15.23	128	2248	0.377	ug/L #	86
70) 1,2,3-Trichlorobenzene	15.43	180	399	0.168	ug/L #	83

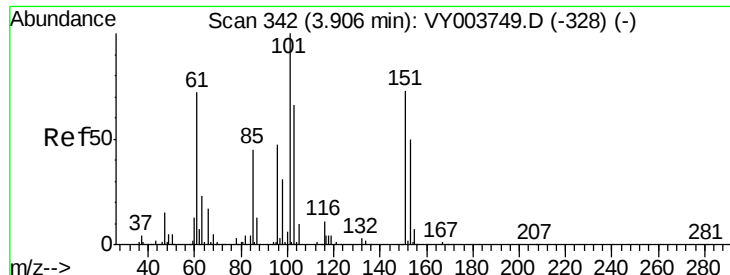
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY121420\
Data File : VY003757.D
Acq On : 14 Dec 2020 18:48
Operator : SY/MD
Sample : L5036-06RE
Misc : 4.28G/10ML/MSVOA Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C0AD8RE

Quant Time: Dec 15 03:42:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 15 03:40:13 2020
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.361 ug/L

RT: 3.86 min Scan# 335

Delta R.T. -0.04 min

Lab File: VY003757.D

Acq: 14 Dec 2020 18:48

Instrument :

MSVOA_Y

ClientSampleId :

C0AD8RE

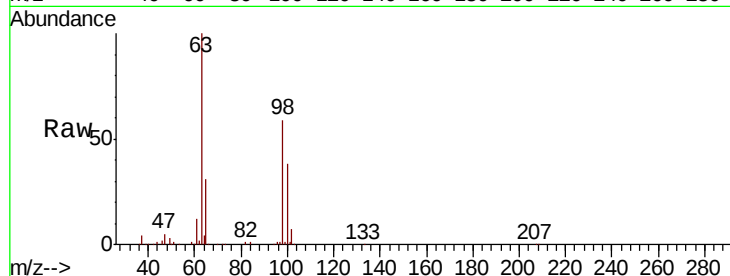
Tot Ion:101 Resp: 1485

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

151 0.0 62.1 93.1#

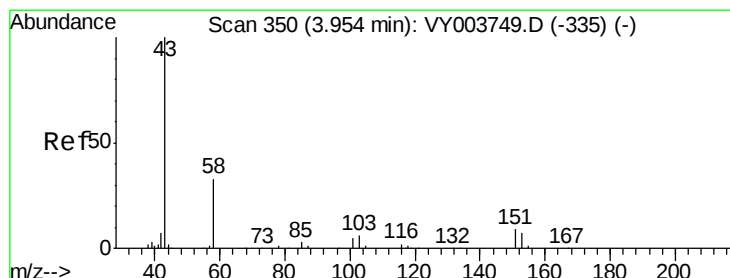
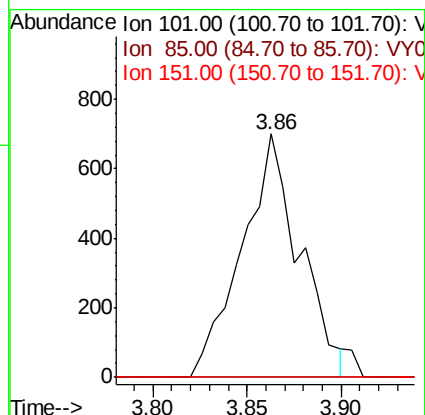
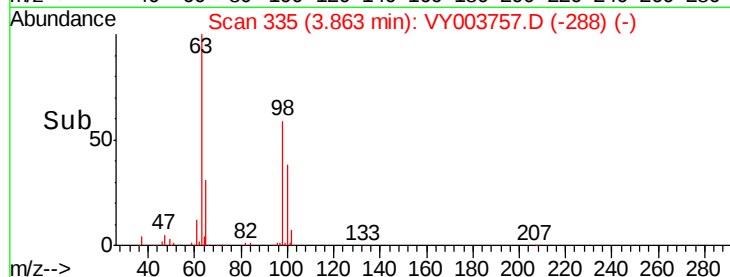


Abundance Ion 101.00 (100.70 to 101.70): VY003749.D (-328) (-)

Ion 85.00 (84.70 to 85.70): VY003749.D (-328) (-)

Ion 151.00 (150.70 to 151.70): VY003749.D (-328) (-)

Time-->



#13

Acetone

Concen: 2.807 ug/L

RT: 3.97 min Scan# 352

Delta R.T. 0.01 min

Lab File: VY003757.D

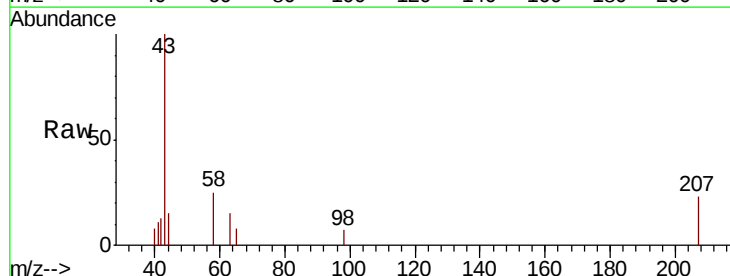
Acq: 14 Dec 2020 18:48

Tgt Ion: 43 Resp: 3258

Ion Ratio Lower Upper

43 100

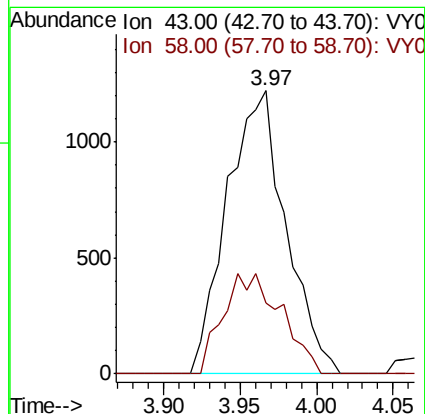
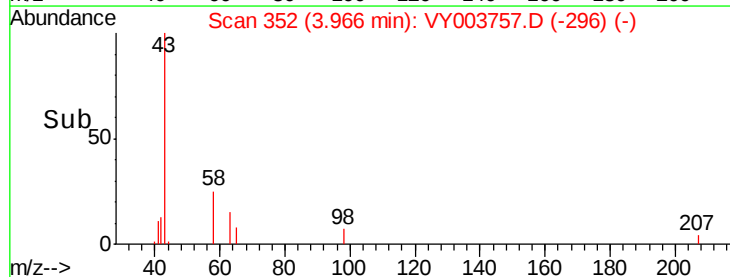
58 27.8 0.0 65.4

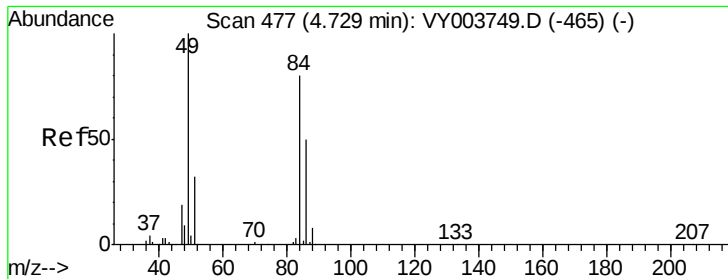


Abundance Ion 43.00 (42.70 to 43.70): VY003749.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VY003749.D (-335) (-)

Time-->

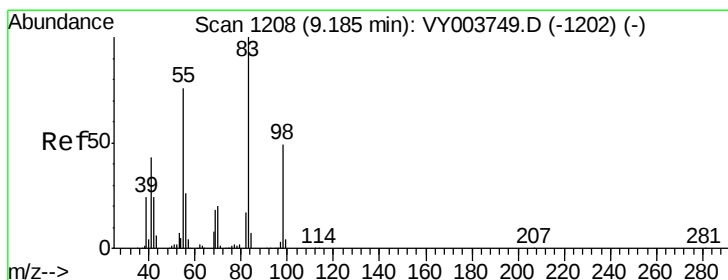
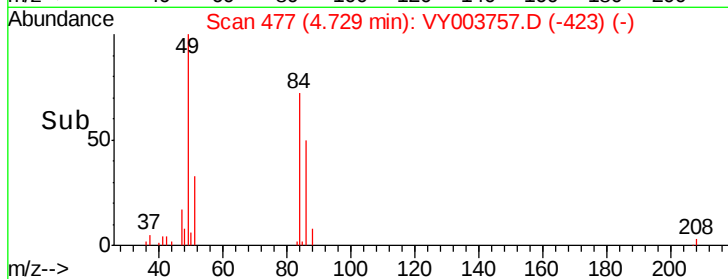
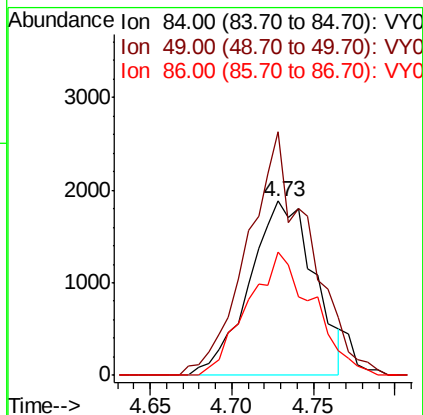
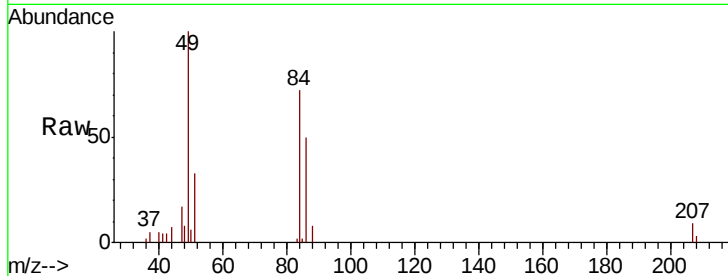




#16
Methvlene chloride
Concen: 1.018 ug/L
RT: 4.73 min Scan# 477
Delta R.T. -0.00 min
Lab File: VY003757.D
Acq: 14 Dec 2020 18:48

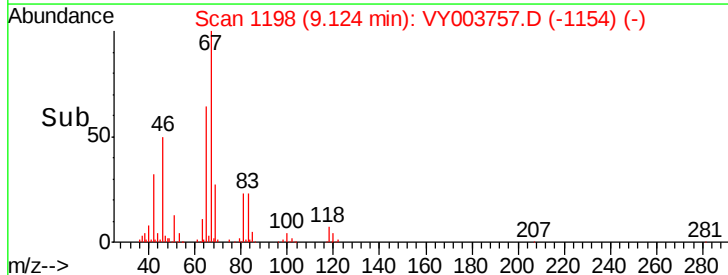
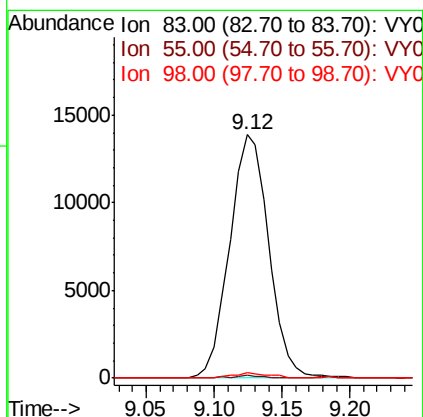
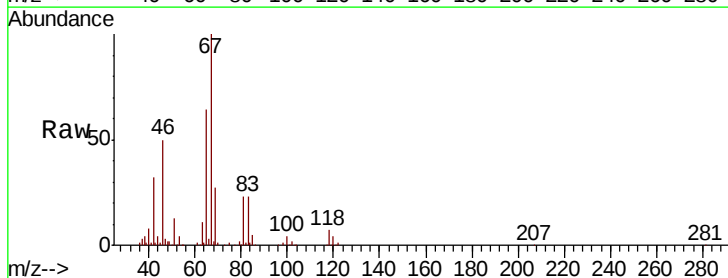
Instrument :
MSVOA_Y
ClientSampleId :
C0AD8RE

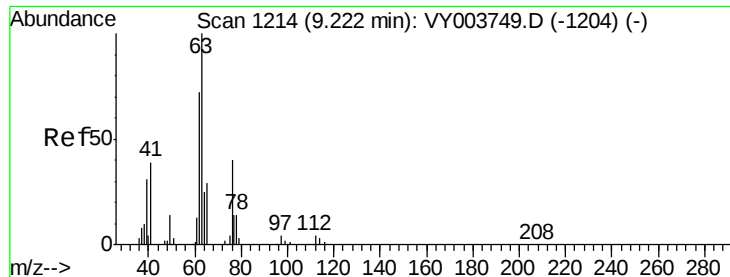
Tot Ion: 84 Resp: 5175
Ion Ratio Lower Upper
84 100
49 139.6 88.2 163.8
86 70.4 43.0 79.8



#36
Methylcyclohexane
Concen: 4.451 ug/L
RT: 9.12 min Scan# 1198
Delta R.T. -0.06 min
Lab File: VY003757.D
Acq: 14 Dec 2020 18:48

Tgt Ion: 83 Resp: 27860
Ion Ratio Lower Upper
83 100
55 0.4 60.3 90.5#
98 1.8 40.4 60.6#

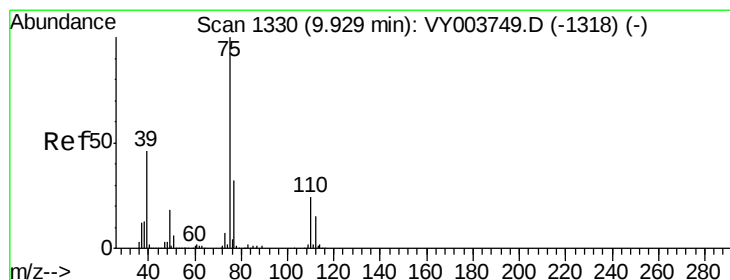
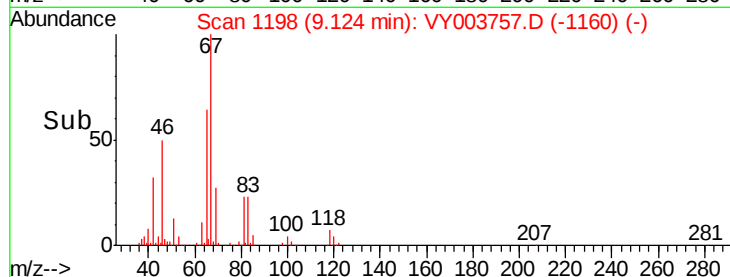
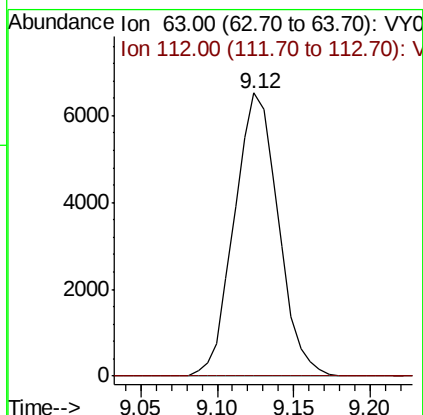
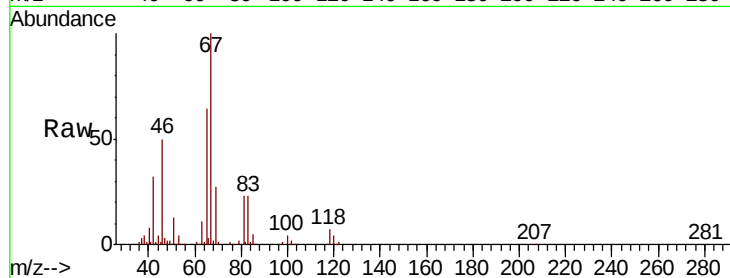




#40
 1,2-Dichloropropane
 Concen: 3.648 ug/L
 RT: 9.12 min Scan# 1198
 Delta R.T. -0.10 min
 Lab File: VY003757.D
 Acq: 14 Dec 2020 18:48

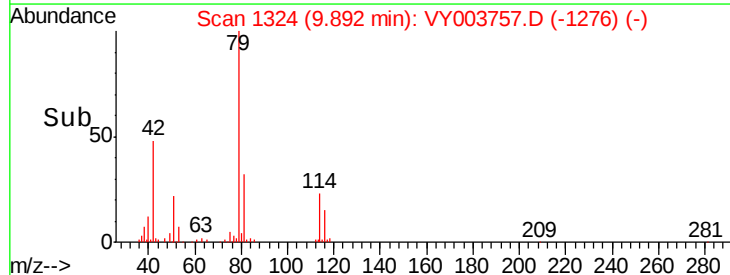
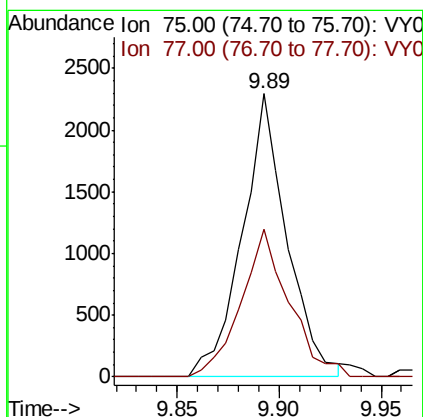
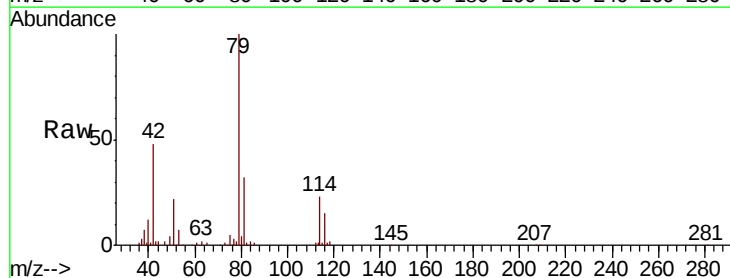
Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AD8RE

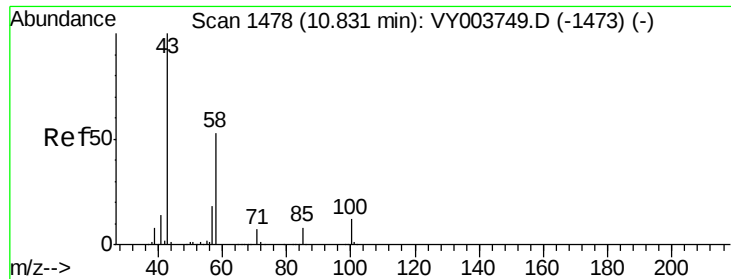
Tot Ion: 63 Resp: 13018
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#42
 cis-1,3-Dichloropropene
 Concen: 0.615 ug/L
 RT: 9.89 min Scan# 1324
 Delta R.T. -0.04 min
 Lab File: VY003757.D
 Acq: 14 Dec 2020 18:48

Tgt Ion: 75 Resp: 3488
 Ion Ratio Lower Upper
 75 100
 77 52.1 21.3 39.6#

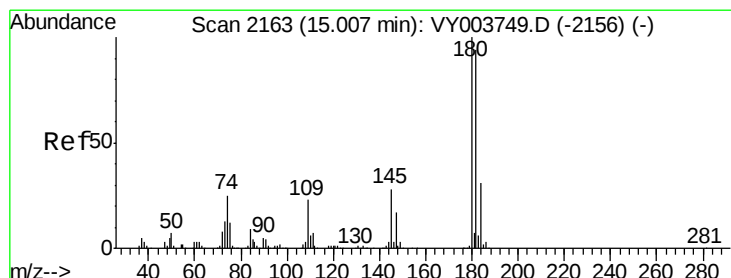
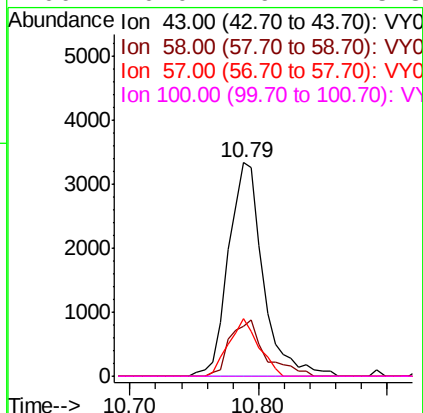
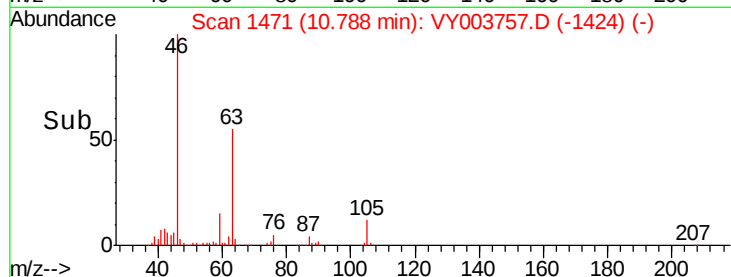
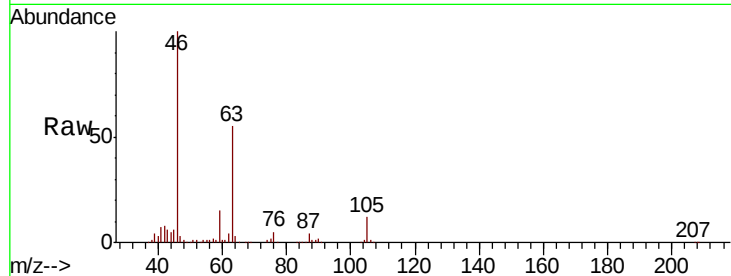




#49
2-Hexanone
Concen: 2.643 ug/L
RT: 10.79 min Scan# 1471
Delta R.T. -0.04 min
Lab File: VY003757.D
Acq: 14 Dec 2020 18:48

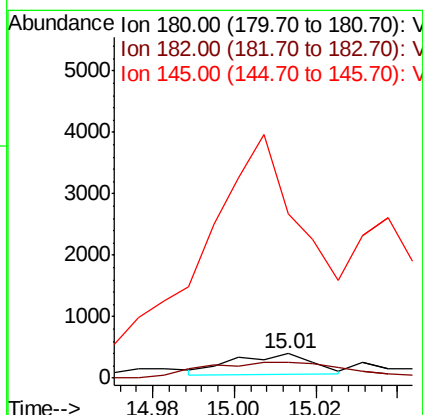
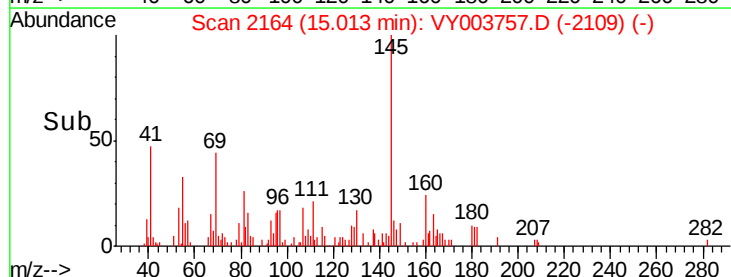
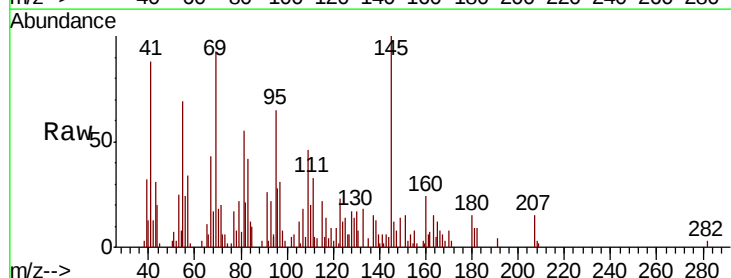
Instrument :
MSVOA_Y
ClientSampleId :
C0AD8RE

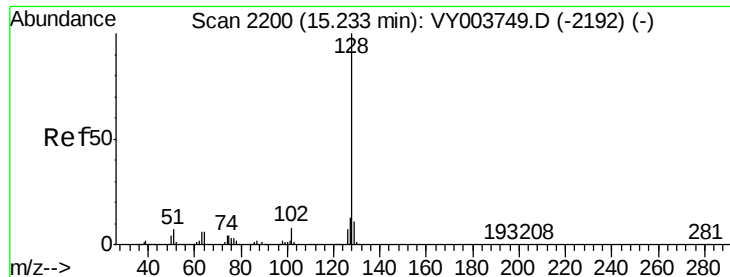
Tot Ion: 43 Resp: 6276
Ion Ratio Lower Upper
43 100
58 26.7 43.0 64.4#
57 23.3 14.1 21.1#
100 0.0 9.2 13.8#



#68
1,2,4-trichlorobenzene
Concen: 0.171 ug/L
RT: 15.01 min Scan# 2164
Delta R.T. 0.01 min
Lab File: VY003757.D
Acq: 14 Dec 2020 18:48

Tgt Ion: 180 Resp: 447
Ion Ratio Lower Upper
180 100
182 147.9 76.8 115.2#
145 1624.2 23.7 35.5#





#69

Naphthalene

Concen: 0.377 ug/L

RT: 15.23 min Scan# 2199

Delta R.T. -0.01 min

Lab File: VY003757.D

Acq: 14 Dec 2020 18:48

Instrument :

MSVOA_Y

ClientSampleId :

C0AD8RE

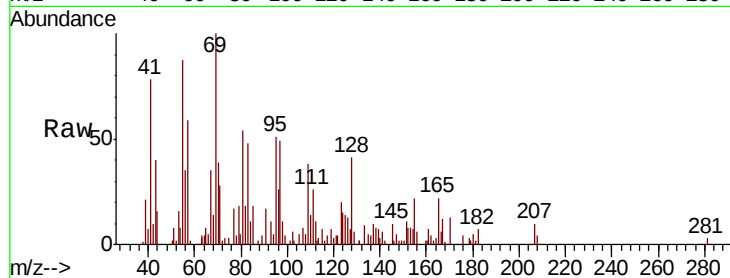
Tot Ion:128 Resp: 2248

Ion Ratio Lower Upper

128 100

129 8.5 8.6 12.8#

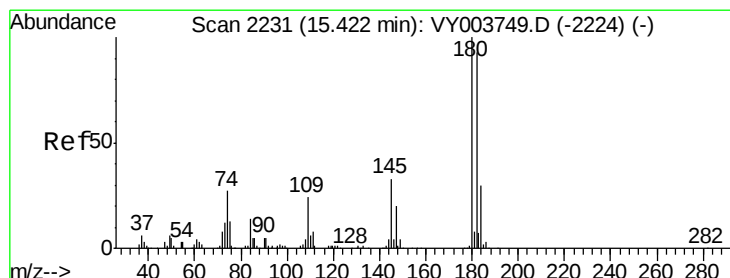
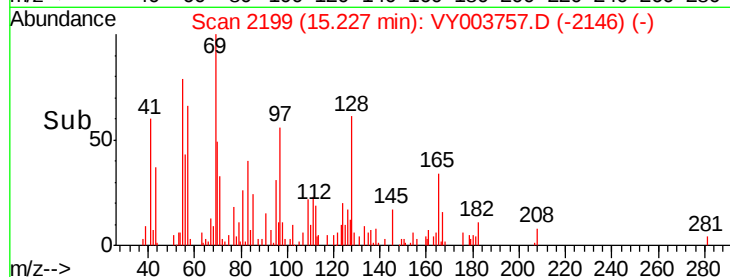
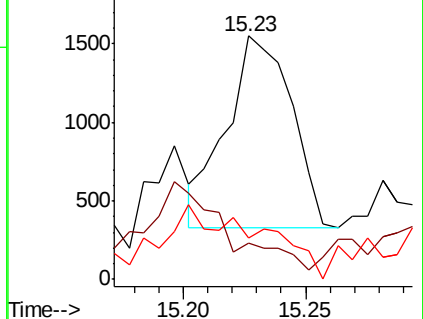
127 4.6 10.2 15.4#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.168 ug/L

RT: 15.43 min Scan# 2233

Delta R.T. 0.01 min

Lab File: VY003757.D

Acq: 14 Dec 2020 18:48

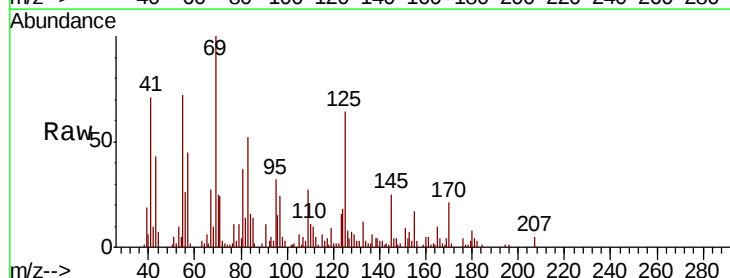
Tgt Ion:180 Resp: 399

Ion Ratio Lower Upper

180 100

182 92.7 77.0 115.6

145 0.0 25.0 37.6#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

